



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBEA62309
Job Sheet 179174



005076

Part No: RBEA62309

Job Qty: 1 ea

Part Name: AS350/355 Field Maintenance



Part Weight: 0 lbs

Status: At Planning

Priority: Medium

Job Created: 6/14/18

Job Tracking No:

Due Date: 8/16/18

Created By: Logan David

Type: Stock

Description:

Note: RBEA62309 rev.12 IPP REV:A 17.12.13 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	8/16/18	8/16/18	0.00	0.00	Start Up Small Fab-4		8/18/18 08:31
105	Small Fab	1 pcs	8/16/18	8/16/18	0.00	1.00	Small Fab-9		8/18/18 08:31
120	QC	1 pcs	8/16/18	8/16/18	0.00	0.00	QC5		8/18/18 08:31
130	Packaging	1 pcs	8/16/18	8/16/18	0.00	0.00	Packaging3-2		8/18/18 08:31
140	QC21-FG	1 Ea	8/16/18	8/16/18	0.00	0.00	QC21		8/18/18 08:31

Part Op 105 - 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican case
Descriptions: APP-1700-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Install placard to wheel housing as per DWG 6-Glue foam to case and pack case 7- See note 1 for hoses



Container No: S103717



Part: RBEA62309

Job No: 179174

Serial No/Batch: S103717

Revision: 12

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/20/18

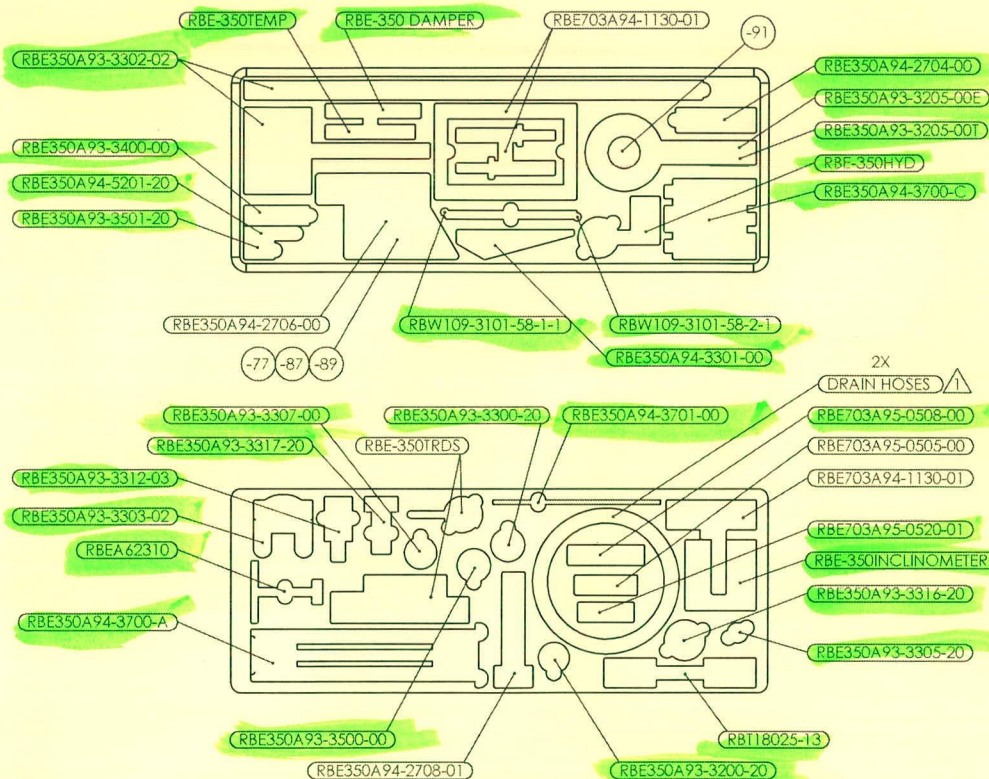
Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RB41011	Dart Tooling Placard, Aluminum	1 Ea (1 ea)	100-Start up Operation	5021040
26 3896T31	Ferule 1/16 X 3/8" - Aluminum	2 Ea (2 ea)	105-Small Fab	5093315
49 5274T761	Polypropylene Vial for Flange Wrench Bolts	1 Ea (1 ea)	105-Small Fab	5083897
45 7189K31	Cable Ties Black	9 Ea (9 ea)	105-Small Fab	5038430
45 86625K31	Grommet Size 00	1 Ea (1 ea)	105-Small Fab	5038427
30 9052000	10" Mini Bungee Cord	4 Ea (4 ea)	105-Small Fab	5094609
37-40 97524A032	Sealing Blind Rivet	4 Ea (4 ea)	105-Small Fab	5066776
43 97526A421	Rivet	4 Ea (4 ea)	105-Small Fab	5038428
31 GA APP-1700-E	Hard Case	1 Ea (1 ea)	105-Small Fab	5092394
CL-194-TERM-2	Eyelet	1 Ea (1 ea)	105-Small Fab	5091609
CL-2-C	Lanyard Wire	1.1600 ft (1.16 ea)	105-Small Fab	5026878
25 NAS1756-12	Remove Before Flight	1 Ea (1 ea)	105-Small Fab	5055799
141 RBE-350DAMPER	Damper Spanner Wrench	1 Ea (1 ea)	105-Small Fab	5089979
7-141 RBE-350HYD	Hydraulic Accumulator Fitting Gauge	1 Ea (1 ea)	105-Small Fab	5059160
100 RBE-350INCLINOMETER	Inclinometer	1 Ea (1 ea)	105-Small Fab	5064583
141 RBE-350TDRS	Tail Rotor Driveshaft Bearing Run-Out Gauge	1 Ea (1 ea)	105-Small Fab	5103417
141 RBE-350TEMP	Temperature Probe	1 Ea (1 ea)	105-Small Fab	5097168
RBE350A93-3200-20-1	Main Gear Box/Rotor Brake Retaining Nut Wrench	1 Ea (1 ea)	105-Small Fab	503346
140 RBE350A93-3205-00E	Engine G/B Input Flange Holding Wrench	1 Ea (1 ea)	105-Small Fab	5054079
134 RBE350A93-3205-00T	Tail Rotor Gear Box Input Flange Holding Wrench	1 Ea (1 ea)	105-Small Fab	5054681
134 RBE350A93-3300-20	Tail Rotor Hub Socket	1 Ea (1 ea)	105-Small Fab	5076097
81 RBE350A93-3302-02	Tail Rotor Hub Lock Wrench	1 Ea (1 ea)	105-Small Fab	507997
135 RBE350A93-3303-02	Tail Rotor Head Body Extractor Tool	1 Ea (1 ea)	105-Small Fab	5088851
141 RBE350A93-3305-20-1	Tail Gearbox Wrench	1 Ea (1 ea)	105-Small Fab	5089476
GA RBE350A93-3307-00	Tail Gearbox Seal Extractor	1 Ea (1 ea)	105-Small Fab	5103018
141 RBE350A93-3312-03	Tail Rotor Hub Bushing Replacement Tool	1 Ea (1 ea)	105-Small Fab	5098735
134 RBE350A93-3316-20-1	Rotating Star Replacement Wrench	1 Ea (1 ea)	105-Small Fab	5091455
GA RBE350A93-3317-20	Tail Rotor Hub Insert Tool	1 Ea (1 ea)	105-Small Fab	5096485
GA RBE350A93-3400-00	Drive Shaft Thimble	1 Ea (1 ea)	105-Small Fab	5098682
141 RBE350A93-3500-00	Bearing Extractor	1 Ea (1 ea)	105-Small Fab	5102594
141 RBE350A93-3501-20	Extraction Tool, Hydraulic Pump Pulley Bearing	1 Ea (1 ea)	105-Small Fab	5045019
141 RBE350A94-2704-00	Pedals Locking Tool	1 Ea (1 ea)	105-Small Fab	5067204
GA RBE350A94-2706-00	Rigging Pin Set	1 Ea (1 ea)	105-Small Fab	5109500
GA RBE350A94-2708-01	Tail Rotor Blade Locking Tool	1 Ea (1 ea)	105-Small Fab	5101299
135 RBE350A94-3301-00	T/R Accelerator Support	1 Ea (1 ea)	105-Small Fab	5077419
134 RBE350A94-3700-A	Swashplate Immobilizing Tools Long Brace & Parts	1 Ea (1 ea)	105-Small Fab	5095490
134 RBE350A94-3700-C	Swashplate Immobilizing Tool Adjustable Brace	1 Ea (1 ea)	105-Small Fab	5100458
134 RBE350A94-3701-00	Main Rotor Rigging Tool	1 Ea (1 ea)	105-Small Fab	5047575
GA RBE350A94-5201-20	Cartridge, Dummy, Fuel	1 Ea (1 ea)	105-Small Fab	5078997
GA RBE703A94-1130-01	Main Rotor Blade Trim Tab Tools Assembly	1 Ea (1 ea)	105-Small Fab	5104721
GA RBE703A95-0505-00	Hose, Main Gear Box Tail Gear Box Draining	1 Ea (1 ea)	105-Small Fab	5103441
72 RBE703A95-0508-00	Main Rotor Gear Box Drain Tube	1 Ea (1 ea)	105-Small Fab	5100249
72 RBE703A95-0520-01	Engine And Hydraulic Drain Tube	1 Ea (1 ea)	105-Small Fab	5082598
RBE703A95-0520-01-11	Tube	1 (1 ea)	105-Small Fab	
RBE703A95-0520-01-13	Cap	1 (1 ea)	105-Small Fab	
RBE703A95-0520-01-15	Foam	1 (1 ea)	105-Small Fab	
135 RBEA62309-65	Laminated Location Card	1 Ea (1 ea)	105-Small Fab	5058372
RBEA62309-81	Top Shelf Cushion	1 Ea (1 ea)	105-Small Fab	5092341
RBEA62309-82	Top Cushion Stiffener	1 Ea (1 ea)	105-Small Fab	5082357
RBEA62309-83	Bottom Shelf Cushion	1 Ea (1 ea)	105-Small Fab	5092372
GA RBEA62310	AS350/355 Engine Strut	1 Ea (1 ea)	105-Small Fab	5099087
144 RBT18025-13	Linear Scale (50 lbs)	1 Ea (1 ea)	105-Small Fab	5065446
102 RBW109-3101-58-1-1	Hammer, Steel	1 Ea (1 ea)	105-Small Fab	5095477
102 RBW109-3101-58-2-1	Hammer, Aluminum	1 Ea (1 ea)	105-Small Fab	5095264

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	RB41011	1	887	0
	3896T31	2	498	0
105-Small Fab	5274T761	1	10	0
	7189K31	9	1,000	0
	86625K31	1	50	0
	9052000	4	36	0
	97524A032	4	383	0
	97526A421	4	100	0
	APP-1700-E	1	17	0
	CL-.194-TERM-2	1	50	0
	CL-2-C	1	319	0
	NAS1756-12	1	377	0
	RBE-350DAMPER	1	1	0
	RBE-350HYD	1	10	0
	RBE-350INCLINOMETER	1	14	0
	RBE-350TDRS	1	9	0
	RBE-350TEMP	1	1	0
	RBE350A93-3200-20	1	1	0
	RBE350A93-3205-00E	1	8	0
	RBE350A93-3205-00T	1	9	0
	RBE350A93-3300-20	1	12	0
	RBE350A93-3302-02	1	0	0
	RBE350A93-3303-02	1	1	0
	RBE350A93-3305-20	1	0	0
	RBE350A93-3307-00	1	1	0
	RBE350A93-3312-03	1	0	0
	RBE350A93-3316-20	1	1	0
	RBE350A93-3317-20	1	1	0
	RBE350A93-3400-00	1	1	0
	RBE350A93-3500-00	1	0	0
	RBE350A93-3501-20	1	14	0
	RBE350A94-2704-00	1	10	0
	RBE350A94-2706-00	1	1	0
	RBE350A94-2708-01	1	1	0
	RBE350A94-3301-00	1	13	0
	RBE350A94-3700-A	1	2	0
	RBE350A94-3700-C	1	0	0
	RBE350A94-3701-00	1	29	0
	RBE350A94-5201-20	1	11	0
	RBE703A94-1130-01	1	1	0
	RBE703A95-0505-00	1	1	0
	RBE703A95-0508-00	1	3	0
	RBE703A95-0520-01	1	0	0
	RBE703A95-0520-01-11	1	0	0
	RBE703A95-0520-01-13	1	0	0
	RBE703A95-0520-01-15	1	0	0
	RBEA62309-65	1	35	0
	RBEA62309-81	1	8	0
	RBEA62309-82	1	13	0
	RBEA62309-83	1	8	0
	RBEA62310	1	1	0
	RBT18025-13	1	17	0
	RBW109-3101-58-1-1	1	6	0
	RBW109-3101-58-2-1	1	0	0
Part Specifications				
Specifications could not be found.				

Plex 6/14/18 11:21 AM dart.logan.david

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-B1 REARRANGED TOP SHELF TOOLS. -B3 RECONFIGURED BOTTOM SHELF TOOL ARRANGEMENT TO BETTER FIT RED BARN TOOLS. -A5 RECONFIGURED TOP AND BOTTOM SHELF TOOL ARRANGEMENT TO BETTER FIT RED BARN TOOLS. ADDED LAMINATED LOCATOR CARD AND LAMINARD COMPONENTS.	9/22/2009	WP	
2		REDRAWN TO USE HELPFUL PRODUCTS TOOLS AND ALLOW FOR 3 DRAIN HOSES.	1/23/2010	WP	RW
2A		ADDED NEW RED BARN PHOTOS.	2/11/2010	RJC	RW
3		-B1 REARRANGED TOP SHELF TOOLS. -B3 REARRANGED BOTTOM SHELF TOOL CUSHION TO ACCOMMODATE NEW DIGITAL TORPEDO LEVEL. ADDED SECTION A-A TO CLARIFY CUT OUT FOR RBEA94-3701-00. CHD CUTOUT DEPTH FOR RBEA94-3700-A, RBEA94-5201-20 & RBEA93-3501-20. -A5 REARRANGED TOP AND BOTTOM SHELF CUSHIONS TO ACCOMMODATE NEW DIGITAL TORPEDO LEVEL. CHD CARD INFORMATION FOR L.A.S.	2/18/2010	RJC	
4		-B3 REARRANGED TOOL CUTOUPS. ADDED CUT OUT FOR RBEA62310. -A5 UPDATED CARD.	3/9/2010	WP	
4A		-A7 & -51 CHD QTY. FROM 3 TO 1 SET. UPDATED LAYOUT PHOTOS.	5/26/2010	RJC	
4B		-B7 & -B9 ADDED ONE TO EACH QTY.	7/21/2010	WP	RW
4C		-F1 ADDED CONTAINER FOR RBEA93-3205-00-1 & RBEA93-3205-00-03 NUTS & BOLTS.	10/27/2010	WP	DW
5		-B1 DELETED CUTOUT NOTCHES FOR RBE-RDGS-15.	6/20/2011	RJC	RW
6		CORRECTED DRAIN HOSE 1/IN FROM RBEA93-0502-01 TO RBEA93-0520-01. -B3 CHD FOAM CUTOUPS FOR RBEA93-3500-00, RBEA93-3300-20, RBEA93-3200-20 & RBEA93-3317-20 FOR BETTER FIT. -A5 UPDATED CARD.	2/27/2012	RJC	DW
7		-B3 CHD TOOL LAYOUT. ADDED NEW DESIGN FOR DRAIN HOSES & CUTOUPS FOR INDIVIDUAL CHD'S. CHD CUTOUP FOR RBEA94-3700-A FOR TIGHTER FIT. -A5 UPDATED CARD.	1/9/2013	RJC	SE
7A		-A5 CORRECTED ITEM Q/P/N FROM RBEA93-3305-02 TO RBEA93-3305-20. CHD F QTY. FROM 8 TO 1. ADDED DRAIN HOSE QTY. 2. CHD LOCATION D1 & D2 TO D, AND X1, X2, & X3 TO X.	4/11/2013	RJC	RJC
8		-B1 CHD DIM WAS 4.75 B 4.44. -B3 CHD CUTOUP LOCATION FOR RBE350A94-3700-A. -A5 CORRECTED 1/IN & TOOL DESCRIPTION TO MATCH CURRENT DRAWING.	10/24/2013	CIS	DW
9		-B1 CHD CUTOUP FOR RBE-350HYD (NEW GAUGE). CHD CUTOUP FOR RBE350A94-3700-C TO FIT BETTER. -B3 CHD CUTOUP FOR RBE350A94-3700-A TO SECURE TOOLS BETTER.	3/25/2014	RJC	DW
10	15-0038	UPDATED TO NEW DRAFTING STANDARDS. -B3 CHD FOAM TO ACCOMMODATE SNAP-ON INCLINOMETER. -A5 CHD CARD TO SHOW NEW TOOL LAYOUT WITH SNAP-ON INCLINOMETER.	2/11/2015	DPD	JAG
11	15-0149	-B1 ADDED DETAIL SHEET. REPLACED RBE-RDGS-15 WITH RBT18025-13 AND MOVED TO -B3. ADDED RBW109-3101-58-1 & RBW109-3101-58-2. CHD MATERIAL WAS 720 BLACK E ETHAFOAM 220, BLACK. -A2 ADDED DRAWING. -B3 ADDED DETAIL SHEET. CHD TOOL LAYOUT. CHD DIM WAS 4X R.64 IS 3X. 6A & 45. DELETED DIM. 7.3 (D1, 18" (D2), 1.38 (X2) & 8.75 (X1) SPHERE. AND ADDED DIMS. 76, 1.48 & 1.25. CHD FOAM WAS 720 BLACK E ETHAFOAM 220, BLACK. MOVED RBE350A93-3400-00, RBE350A94-3201-20 & RBE350A94-3201-20 TO -B1. -A3 RBE-RDGS-15 REPLACED W/ RBT18025-13. -A5 REARRANGED TOOLS TOP AND BOTTOM. ADDED RBW109-3101-58-1, RBW109-3101-58-2, RBT18025-13, -77, -B7, & -B9.	9/20/2016	RJC	JAG
12	17-0013	-B1 CHD DIM WAS 8.20 B .B2. -B3 CHD DETAIL E ORGANIZATION. REMOVED DIM 3X 9.88, 3X 1.38, 33.47, 24.34, 17.72, 2.25, 6.07, 7.13. ADDED DIM QTY 75, 32.13, 5.49, 12.77, 9.13, 8.71, 38.5X 8.50, 2X R.63, 6A R 13, 8.50. CHD DIM WAS 10.24 B 3X 10.24, WAS 2X 34.88 B 3X 34.88, WAS 12.33 IS 8.83, WAS 11.565 R 11.57. -A5 REARRANGED TOOLS ON BOTTOM SHELF. UPDATED ITEM 12 & 13 TOOL NUMBERS.	1/24/2017	SM	JAG

NOTE:



7 FT. HOSES MUST COUPLE IN CUTOUP. MIN TRIM ACCEPTABLE.

DART AEROSPACE	
TITLE AS350-355 FIELD MAINTANANCE KIT	
DWG NO. RBEA62309	REV 12
MATERIAL 720 BLACK E ETHAFOAM 220, BLACK.	
FINISH XX ± .010 FRACTIONS ± 1/8 XX ± .003 ANGLES ± 1° X ± .1 SURFACES ± 1/32	
SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AS350/355
SCALE 1:8	DATE 9/20/2016
SHEET 1 OF 8	

David Logan

From: Lacey Cantin
Sent: Monday, July 30, 2018 2:36 PM
To: Ashley Beecraft; Chrisoula Tsimiklis; Robert Aboud; Jean-Luc Menard; David Logan; Jason Leroux; Jesse White; Linda Lacelle; Marie Lajeunesse
Subject: New Dart Order 8487 *Special notes*
Attachments: DART ORDER 8487.pdf

Good afternoon,

Please see attached order. Here are the notes I have added to the internal section:

PLACED 8485 AS AOG AS THEY NEEDED THOSE TOOLS ASAP ***NOTE THAT THIS KIT IS PRICED LOWER AS **THE FOLLOWING TOOLS WERE SOLD INDIVIDUALLY - RBE350A93-3307-00 & RBE350A93-3200-20 -- THESE TOOLS SHOULD NOT BE BUILT FOR THIS KIT AS THEY WILL HAVE ALREADY BEEN RECEIVED BY THE CUSTOMER FOR AN AOG SITUATION***** - PRICE AS PER ROSS IS FIELD MAINTENANCE KIT PRICE LESS THE PRICE OF THE TOOLS ALREADY ORDERED

If there are any questions, please let me know.

Thanks,
Lacey

